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Ref: Sampling and lab analysis on # 6 Fuel Oil from Shore Tank # 15 after discharge
from the barge B-215 at Sprague – Rennsalar, NY on April 5, 2006.

File Number : 42221

Sample Number: 42221-4

**CERTIFICATE OF ANALYSIS
SHORE TANK # 15**

TEST	METHOD	UNITS	RESULT
UPPER			
API Gravity	D-287	° API @ 60 °F	13.4
Viscosity	D-445	cSt @ 122 ° F	412.7
MIDDLE			
API Gravity	D-287	° API @ 60 °F	13.4
Viscosity	D-445	cSt @ 122 ° F	410.0
LOWER			
API Gravity	D-287	° API @ 60 °F	13.2
Viscosity	D-445	cSt @ 122 ° F	406.9
COMPOSITE			
API Gravity	D-287	° API @ 60 °F	13.3
Viscosity	D-445	cSt @ 122 ° F	408.3
Sulfur	D-4294	Weight %	1.17
Pour Point	D-97	° F	37
Flash Point	D-93	° F	200
Water by Distillation	D-95	Volume %	0.1
Ash	D482	Weight %	0.07
MCR	D-4530	Weight %	11.3
Vanadium	D-5863	PPM	42
Sodium	D-5863	PPM	12
Nitrogen	D-5762	Weight %	0.38
Asphaltenes	IP-143	Weight %	0.882
Heating Value	D-240	BTU / Gal	151,253

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